

Manhole Inspection Summary

Manhole # S27E__072MH

Printed On: 7/15/2009

Page 1 of 5

Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **27E** Node: **072** Status: **Found**

Insp Date: **5/12/09 8:49 AM**

Incomplete Comments

Crew: **REI2**
Inspector: **paulfry**
Firm: **ATS**

Location Address: **109 E FREMONT AV**

Cross Street: **VINE ST**

Manhole Type: **Inline** Location: **Roadway** Ground Conditions: **Dry**

☐ Prev. Rehab Weather: **Dry** Subject To Ponding: **None**

Comments **BENCH AND CHANNEL NEVER INSTALLED - GAP BELOW PIPES AND BOTTOM HAS NO FLOW DIRECTION; VACTORED OUT SEWAGE AND REMOVED BLOCKAGE BY FLUSHING LINE TO DOWNSTREAM MANHOLE**

Cover Shape: **Circular** Diameter: **24** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **3** (in.) Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment ☒ Exists Material: **Brick** ☐ Parged Height: **9** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Loose Brick** ☐ Deteriorated

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel Material: **Precast Concrete** ☐ Parged Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel Material: **Precast Concrete** ☐ Parged

Shape: **Circular** Diameter: **54** (in.) Length: **0** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Bench ☐ Exists Material: ☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel Material: **Precast** ☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Deteriorated** ☐ Leaks ☒ **Debris**

Steps Count: **10** Missing: **0** ☐ Corroded

Surcharge ☒ **Evidence Of Surcharge** Depth: **3** (ft.) ☐ Active Surcharge Present

Manhole Inspection Summary

Manhole # S27E__072MH

Printed On: 7/15/2009

Page 2 of 5

Location View



Top View



Miscellaneous



Frame view

Miscellaneous



MH Cover

Miscellaneous



PAVEMENT MARKED

Defect 9



Frame Offset

Defect 8



corbel active infiltration

Defect 7



9 oclk area active infiltration and deterioration in barrel

Defect 6



channel cond debris

Defect 5



INFILTRATION @ CORBEL/CHIMNEY JOINT

Defect 4



LOOSE CHIMNEY BRICKS

Defect 2



CODED DETERIORATED CHANNEL;
NO CHANNEL OR BENCH WAS
INSTALLED - GAP OF 2.5 INCHES

Defect 1



PRIOR ACTIVE SURCHARGE

Manhole Inspection Summary

Manhole # S27E__072MH

Printed On: 7/15/2009

Page 5 of 5

8 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **PVC** ☐ Pipe Lined
Invert Depth: **10.38** (ft.) Flow Characteristics: **Slow**
Deposits: ☐ None ☐ Mud ☐ Sludge ☐ Debris ☒ **Grease**
Silt Depth: **1** (in.) Deposits Extent: **Light**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer
Pipe In @ 9 O'Clock

9 O'Clock Inflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **PVC** ☐ Pipe Lined
Invert Depth: **10.28** (ft.) Flow Characteristics: **Slow**
Deposits: ☐ None ☐ Mud ☐ Sludge ☐ Debris ☒ **Grease**
Silt Depth: **1** (in.) Deposits Extent: **Light**
Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection